

□ Please add claims 45 and 46 as follows:

1 ~~45.~~ A control system useful in outdoor environments,
2 comprising:
3 a primary control element operating in a system;
4 at least one transmitter for sending a predetermined plurality
5 of frequencies over the air;
6 at least one signal receiver for receiving said predetermined plurality of
7 frequencies from said transmitter to provide an output;
8 at least one signal processor to receive the output of said receiver and to generate
9 a command signal to said control element;
10 at least one of said frequencies serving a dual purpose of being first part of a
11 received signal sent to said processor to allow said processor to issue an output signal to
12 operate a primary controlled element, and second to act as a cue to said processor that an
13 incoming multiple frequency signal is about to come or has concluded; and
14 said processor discriminates for said frequencies and generates an output signal to
15 said primary control element based on the order of frequencies received.

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1 ~~46.~~ A well control system, comprising:
2 a primary control element operating in a well system;
3 at least one transmitter for sending a predetermined plurality of frequencies order
4 over the air;

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5 at least one signal receiver for receiving said predetermined plurality of
6 frequencies from said transmitter to provide an output;
7 at least one signal processor to receive the output of said receiver and to generate
8 a command signal to said control element;
9 at least one of said frequencies serving a dual purpose of being first part of a
10 received signal sent to said processor to allow said processor to issue an output signal to
11 operate a primary controlled element, and second to act as a cue to said processor that an
12 incoming multiple frequency signal is about to come or has concluded; and
13 said processor discriminates for said frequencies and generates an output signal to
14 said primary control element based on the order of the frequencies received.

REMARKS

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The Applicant has carefully reviewed the Office Action mailed on August 18, 1997 and the Advisory Action mailed on October 31, 1997. The claims have been amended for the purposes of explication and clarity. Per the Examiner's recommendation, claims 36 and 42 have been rewritten as claims 45 and 46 to incorporate the limitations of the base claim as well as the intervening claims. Claims 37 and 43 have been amended to correct their dependency following the cancellation of claims 36 and 42. Claim 43 has also been amended to include a portion of the claim which was inadvertently omitted in the last entered response mailed on May 16, 1997. The portion omitted from claim 43 further defines the first and second frequencies and adds no new matter.